115   Bad<-20000203 and 'GaN' and 'n-type electrode'	• L Number	r Hits		DB	Timo ottor
	71	115	@ad<=20000203 and 'GaN' and 'n-type		Time stamp
10			electrode' and 'p-type electrode'		1
16					
18					
128   (257/59).CCLS.   USPAT; USPAT	72	1	(/057/01) 277	IBM TDB	
1128   (257/59).CCLS.   SPO. DERWENT: BY TOBE BEO; JFO. JFO. DERWENT: BY TOBE BEO; JFO.	/ 2	16	((25//21).CCLS.) and @ad<=20000203 and	USPĀT;	2002/11/01 10:53
DERMENT;   DERMENT;   SP-GPUB;   SPO; JPO;   DERMENT;   SPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J			Gan		ļ
1128   (257/59).CCLS.   SPAT; US-REGUE; PEO; JPO; DERWENT; IBM 7DB USPAT; USPAT					
1126   (257/59).CCLS.				1	
105-Pepuls   105	73	1128	(257/59) - CCLS		
Peo. jpo. perment;   Sept. jpo. jpo. perment;   Sept. jpo. jpo. perment;   Sept. jpo. jpo. jpo. jpo. perment;   Sept. jpo. jpo. jpo. jpo. jpo. jpo. jpo. jpo			(22.7, 657, 6625.	1	2002/11/01 10:54
DERWINT;   IBM TOB   USPAT;					1
18M TDB   18FATP    18FATP    2002/11/01 10:54   18FATP    18FAT					
10	7.			1	
108	/4	957	(257/72).CCLS.		2002/11/01 10:54
DERWENT;   IBM TDB   USPAT; US-PGPUB;   EPO; JPO; DERWENT;   IBM TDB USPAT; US-PGPUB;					2002/11/01 10:54
The composition of the composi				EPO; JPO;	: 
108				DERWENT;	
108   ((438/22) or (257/79)).CCLS.   USPAT;   CO02/11/01 11:05   CO02/11/01 11:07   CO0	77	560	(A38/22) CCI C		
The content of the	' '	300	(430/22).CCLS.		2002/11/01 11:05
1108   ((438/22) or (257/79)).CCLS.					
1108   ((438/22) or (257/79)).CCLS.   IBM TDB   US-PGPUB; EPO; JPO; DERWENT; IBM TDB   US-PGPU	ĺ				
1108					
B5	79	1108	((438/22) or (257/79)).CCLS.		2002/11/01 11 07
## 106   @ad<=20000203 and 'GaN' and 'n-type' and 'USPAT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERW	-		, , , , , , , , , , , , , , , , , , , ,		2002/11/01 11:0/
B5					
B8				DERWENT:	
Sed<=20000203 and 'GaN' and 'n-type' and 'USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO;	0.5				
Sead	85	106	@ad<=20000203 and 'GaN' and 'n-type' and	· —	2002/11/01 12:03
Bead<=20000203 and 'GaN' and 'n-type' same	}		'p-type' and 'ITO'		1 22.03
Second   S				EPO; JPO;	
Sed					
1TO   US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB U	86	35	@ad<=20000203 and !CaN! and !n +!		
251   7979   ((257/13-15) or (257/79-103)).CCLS.   EPO; JPO; DERWENT; IBM TDB   USPAT; US-PGPUB; EPO; JPO; DERWENT; EPO; JPO; DER			'ITO'		2002/11/01 13:48
DERWENT;   IBM TDB   USPĀT;   US-PGPUB;   EPO; JPO;   DERWENT;   US-PGPUB;   EPO; JPO;   DERWENT;   IBM TDB   USPĀT;   US-PGPUB;   EPO; JPO;   DERWENT;   US-PGPUB;   US-PGPUB;   US-PGPUB;   US-PGPUB;   US-PGPUB;   US-PGPUB;   US-PGPUB;   US-PGP					
251   7979   ((257/13-15) or (257/79-103)).CCLS.   IBM_TDB   USPĀT;   US-PGPUB;   EPO; JPO;   DERWENT;   ISM_TDB   USPĀT;   US-PGPUB;   EPO; JPO;   DERWENT;   ISM_TDB   USPĀT;   US-PGPUB;   EPO; JPO;   DERWENT;   IBM_TDB   USPĀT;   US-PGPUB;   IBM_TDB   USPĀT;   US-PGP	İ				
251		1		1	
253   463   (((257/13-15) or (257/79-103)).CCLS.) and   (Bad<=20000203 and 'GaN'   (159 mt)   (15:46 mt)	251	7979	((257/13-15) or (257/79-103)).CCLS.		2002/11/01 13:48
253 463 (((257/13-15) or (257/79-103)).CCLS.) and (Pad<=20000203 and 'GaN' (US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT;					1
253 463 (((257/13-15) or (257/79-103)).CCLS.) and (Bad<=20000203 and 'GaN' (SaN' (SaN') (San'					1
253   (((25)/13-15) or (257/79-103)).CCLS.) and   ((25)/13-15) or (257/79-103)).CCLS.) and   ((25)/179-103)).CCLS.) and   ((25)/179-10					
Comparison of the comparison	253	163	(//257/12 15) (257/70 100)		!
254 709 (438/22-24).CCLS.  EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT;		403	(((25)/13-15)) or $(25)//9-103)$ ).CCLS.) and		2002/11/01 15:46
DERWENT; TBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;			eaux-20000203 and Gan.		
254 709 (438/22-24).CCLS.    IBM_TDB					
254 /09 (438/22-24).CCLS.  USPĀT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT;					
255 0 @ad<=20000203 and 'light emitting diode' and 'n-type electrode' with 'ITO' DERWENT; and 'n-type electrode' US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; ISM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; E	254	709	(438/22-24).CCLS.		2002/11/01 12:50
255  0 @ad<=20000203 and 'light emitting diode' and 'n-type electrode' with 'ITO'  256  244 @ad<=20000203 and 'light emitting diode' and 'n-type electrode'  257  13 (@ad<=20000203 and 'light emitting diode' and 'n-type electrode') and ITO  258 EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; ISM TDB USPAT; US-PGPUB; EFO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;					2002/11/01 13:50
DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT;				-	
255  O @ad<=20000203 and 'light emitting diode' and 'n-type electrode' with 'ITO'  256  - 244 @ad<=20000203 and 'light emitting diode' and 'n-type electrode'  257  13 (@ad<=20000203 and 'light emitting diode' and 'n-type electrode') and ITO  18M_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;					1
256  244  @ad<=20000203 and 'light emitting diode' and 'n-type electrode' with 'ITO'  @ad<=20000203 and 'light emitting diode' and 'n-type electrode'  13  (@ad<=20000203 and 'light emitting diode' and 'n-type electrode')  14  [@ad<=20000203 and 'light emitting diode' and 'n-type electrode') and ITO  [@ad<=20000203 and 'light emitting diode' and 'n-type electrode') and ITO  [@ad<=20000203 and 'light emitting diode' and 'n-type electrode') and ITO  [@ad<=20000203 and 'light emitting diode' and 'n-type electrode') and ITO  [@ad<=20000203 and 'light emitting diode' and 'n-type electrode') and ITO  [@ad<=20000203 and 'light emitting diode' and 'n-type electrode') and ITO  [@ad<=20000203 and 'light emitting diode' and 'n-type electrode')  [@ad<=20000203 and 'light emit	255		8-4<-20000000	IBM_TDB	
256  244  @ad<=20000203 and 'light emitting diode' and 'n-type electrode'  257  13  (@ad<=20000203 and 'light emitting diode' and 'n-type electrode'  13  (@ad<=20000203 and 'light emitting diode' and 'n-type electrode') and ITO  US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;	233	U	cad<=20000203 and 'light emitting diode'		2002/11/01 15:58
256  244  @ad<=20000203 and 'light emitting diode' and 'n-type electrode'  13  (@ad<=20000203 and 'light emitting diode' and 'n-type electrode') and ITO  DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;		ĺ	and 'n-type electrode' with 'ITO'		
256  244  @ad<=20000203 and 'light emitting diode' and 'n-type electrode'  13  (@ad<=20000203 and 'light emitting diode' and 'n-type electrode') and ITO    IBM_TDB		İ			i .
236 244 [ad<=20000203 and 'light emitting diode' uspAT; us-pgPuB; EPO; JPO; DERWENT; IBM_TDB uspAT; and 'n-type electrode') and ITO 2002/11/01 15:48 EPO; JPO; DERWENT; Us-pgPuB; EPO; JPO; DERWENT; Us-pgPuB; EPO; JPO; DERWENT; Us-pgPuB; EPO; JPO; DERWENT;					
and 'n-type electrode'  US-PGPUB; EPO; JPO; DERWENT; IBM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; DERWENT;	256	- 244	@ad<=20000203 and 'light emitting diada'		000041145
257  13 (@ad<=20000203 and 'light emitting diode' and 'n-type electrode') and ITO  EPO; JPO; DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT;  DERWENT;			and 'n-type electrode'		2002/11/01 15:47
257  13 (@ad<=20000203 and 'light emitting diode' and 'n-type electrode') and ITO  DERWENT; IBM TDB USPĀT; US-PGPUB; EPO; JPO; DERWENT;	1	ł			į į
257  13 (@ad<=20000203 and 'light emitting diode' uspat; u					
13 (@ad<=20000203 and 'light emitting diode' USPAT; US-PGPUB; EPO; JPO; DERWENT;					İ
and 'n-type electrode') and ITO  US-PGPUB; EPO; JPO; DERWENT;	257		(@ad<=20000203 and 'light emitting diode'		2002/11/01 15:49
EPO; JPO; DERWENT;			and 'n-type electrode') and ITO		
DERWENT;	1	[			
IBM TDB		į			1
				IBM TDB	

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258	1 0	@ad<=20000203 and 'n-type electrode' with	USPAT;	2002/11/01 15:58
		'ITO'	US-PGPUB; EPO; JPO; DERWENT;	2002/11/101 15:54
259	0	@ad<=20000203 and 'n-type electrode' near	IBM TDB USPAT; US-PGPUB;	2002/11/01 15:59
260	55	@ad<=20000203 and 'n-type electrode' and	EPO; JPO; DERWENT; IBM_TDB USPAT;	2002/11/01 16:03
		'ITO'	US-PGPUB; EPO; JPO; DERWENT;	2002/11/01 16:03
261	1	@ad<=20000203 and 'n-type electrode' and 'TCO'	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/11/01 16:05
262	49	@ad<=20000203 and 'LED' and 'transmissive electrode'	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/01 16:06
263	8	@ad<=20000203 and 'GaN' and 'transmissive electrode'	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/11/01 16:07
_	507	(257/21).CCLS.	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/04/22 14:31
-	16	((257/21).CCLS.) and @ad<=20000203 and 'GaN'	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/11/01 10:53
-	107	@ad<=20000203 and 'GaN' and 'n-type electrode' and 'p-type electrode'	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/11/01 10:42
_	1	<pre>@ad&lt;=20000203 and 'GaN' and 'n-type electrode' and 'p-type electrode' with 'pad'</pre>	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/04/23 07:59
-	2	("6172382").PN.	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/11/01 13:44
-	16	((257/21).CCLS.) and @ad<=20000203 and 'GaN'	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/04/22 16:46
-	273	<pre>@ad&lt;=20000203 and 'GaN' and 'electrode' with 'transparent'</pre>	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/04/23 11:26
-	3	<pre>@ad&lt;=20000203 and 'GaN' and 'n-type electrode' and 'p-type electrode' with 'transparent'</pre>	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/04/23 09:56

Search History 11/1/02 4:39:19 PM Page 2 US-PGPUB; EPO; JPO; DERWENT; IBM TDB

-	0	@ad<=20000203 and 'GaN' and 'n-type	USPAT;	2002/04/23 11:01
		electrode' with 'trans'	US-PGPUB;	1 2002/04/23 11:01
			EPO; JPO;	
			DERWENT;	1
			IBM TDB	
-	2	Tour Booodes and Gan and H-Lype	USPAT:	2002/04/23 11:01
		electrode' with 'transmissive'	US-PGPUB;	2002/04/25 11.01
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	7	@ad<=20000203 and 'GaN' and 'transmissive	USPAT;	2002/11/01 16:06
		electrode'	US-PGPUB;	2002/11/01 10.06
			EPO; JPO;	
ĺ			DERWENT;	
	1		IBM TDB	1
-	996	(257/59).CCLS.	USPĀT;	2002/11/01 10:53
			US-PGPUB;	1 2002/11/01 10:55
			EPO; JPO;	1
			DERWENT;	
			IBM TDB	
_	0	("103 and 'GaN'").PN.	USPAT:	2002/04/23 11:14
			US-PGPUB;	2002/04/23 11.14
			EPO; JPO;	
		·	DERWENT;	
	1		IBM TDB	
_	6	((257/59).CCLS.) and 'GaN'	USPAT;	2002/04/23 11:23
			US-PGPUB;	2002/04/25 11.25
			EPO; JPO;	1
			DERWENT;	
			IBM TDB	
_	837	(257/72).CCLS.	USPAT;	2002/11/01 10:53
			US-PGPUB;	2002/11/01 10:55
			EPO; JPO;	
			DERWENT;	
	]		IBM TDB	
-	2	((257/72).CCLS.) and 'GaN' and	USPAT;	2002/04/23 11:24
	-	'transparent electrode'	US-PGPUB;	2002/04/23 11:24
	1		EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	166	@ad<=20000203 and 'GaN' and 'transparent	USPAT;	2002/04/23 11:27
		electrode'	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	